

GenCore version 5.1.4\_p5\_4578  
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GM Fielding - Fielding Society, using SW edition

Pun on: March 29, 2003, 19:02:35, Search: [http://www.earthlink.net/~punon/](http://www.earthlink.net/~punon/)  
(without alignments)

5504.885 Million cell updates/sec

Title.	US-69 T50-456-393
Defect -	10'

Perfect score. 484  
 1 catatagatcatatgatgac 484  
 Sequence.

Scoring table.	IDENTITY_NUM
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100	100

Searched. 2185239 seqs, 125999179 residues

Total number of hits satisfying chosen parameters: 4370478

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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	Minimum	Match	08
Post-processing:	Minimum	Match	08

Listing first 45 summaries

Database

[illegible]

Fred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	366	75.6	6288	22	AA545590	CDNA encoding novel
2	200.6	41.4	6553	22	AA552504	Human polyomucleoti
3	200.6	41.4	8152	22	AA552588	Human polyomucleoti
4	198.8	41.1	4162	22	AA552791	Human CDNA encoding
5	198.8	41.1	4163	22	AA552782	Human CDNA encoding
6	198.8	41.1	4205	22	AA552745	Human CDNA encoding
7	198.8	41.1	4235	22	AA552546	Human CDNA encoding
8	198.8	41.1	4341	24	AA552547	Human CDNA encoding
9	137.4	27.4	573	22	AA564302	Human CDNA encoding

	10	132.4	27.4	573	22	AAX18691	Human brain expre
	11	132.4	27.4	573	22	AAX18699	Human bone marrow
	12	132.4	27.4	573	22	AAT19195	Probe #1010 for gen
	13	132.4	27.4	573	22	AAT19195	Probe #1010 used
	14	132.4	27.4	573	22	AES11453	Human genome-delet
	15	78	16.1	465	22	AAT19195	Human bone marrow
	16	70.4	14.5	224	22	ABA68774	Human foetal liver
	17	70.4	14.5	224	22	AAV17022	Human brain expres
	18	70.4	14.5	224	22	AAX43741	Human bone marrow
	19	70.4	14.5	224	22	AAT19572	Probe #14505 for g
	20	70.4	14.5	224	22	AAT19572	Probe #14504 used
	21	70.4	14.5	224	24	ABG19035	Human genome delet
	22	52.6	10.2	5514	23	ABL11192	Fibroblasts culture
	23	42.4	8.9	15372	23	ABL11192	Drosophila melanog
	24	42.2	8.7	7216	23	ABL11001	Drosophila melanog
	25	42.2	8.7	21029	23	APL11000	Drosophila melanog
	26	40.2	8.3	175	24	ABN19244	Hirt ovary fibrocyt
	27	40.2	8.3	429	24	ABN19245	Human oocyte coding
	28	39.2	8.1	2792	14	AAT19494	M-Delta-1 gene, M
	29	39	8.1	11827	24	ABX57610	Genomic DNA encodi
	30	37.8	7.8	114955	20	AAX59491	Human adenocarcin
	31	36.6	7.6	550	21	AAT54926	Human delta codin
	32	36.6	7.6	1580	18	AAT54926	H-Delta1 c-myc v
	33	36.6	7.6	2652	18	KAT71324	Proliferation and
	34	36.6	7.6	2663	20	AAV16190	Human delta-1 pro
	35	36.6	7.6	2663	20	AAT16817	Human delta-1 gene
	36	36.6	7.6	2333	21	AAA54105	PRO122 CDNA, Homo
	37	36.6	7.6	2333	21	AAAG5897	Human pPOT2 prote
	38	36.6	7.6	2332	21	AAAT7312	Human pPOT2 CDNA
	39	36.6	7.6	2332	21	AAAT7312	Human pPOT2 CDNA
	40	36.6	7.6	2332	21	AAAT7312	Human pPOT2 CDNA
	41	36.6	7.6	2332	21	AAAT7312	Human pPOT2 CDNA
	42	36.6	7.6	2332	21	AAAT7312	Human pPOT2 CDNA
	43	36.6	7.6	2332	21	AAAT7312	Human pPOT2 CDNA
	44	35.4	7.3	2058	18	AAT71317	Single chain anti
	45	35.4	7.3	2746	21	AAC27714	Nucleotide sequen

PE 19 SEP 1997 2005US-0163662  
 EP 20040727000; 2004US-0634267  
 XX  
 PA (HYSE-) HYSEQ INC.  
 XX  
 PT Tang YT, Liu C, Asundi V, Xu C, Wehrman T, Pen F, Ma Y, Zhou P;  
 PT Zhao GA, Yang Y, Girmaac RT, Zhang J, Chen F, Xue AJ, Wang J;  
 XX Wei, 200309234766;  
 DR P-PSDR; AAD28190.  
 XX  
 PT Novel polypeptides and nucleic acids obtained from cDNA libraries  
 PT prepared from various human tissues, for diagnosis and treatment of  
 PT cancer, neurological, inflammatory, and autoimmune disorders -  
 XX  
 PS Claim 1; SEQ ID No 171, 107pp; English.

CC The invention relates to novel isolated human secreted polypeptides (I)  
CC and polypeptides (II) (I) and (II) are useful for treating  
CC inflammatory conditions such as arthritis, nephritis, Crohn's disease,  
CC ischaemia-reperfusion injury, shock, sepsis, immune responses, and is  
CC involved in increasing haematopoiesis, stem cell survival, bone growth  
CC and remodeling (I), (II) and modulators of (II) are useful for  
CC prophylaxis or treatment of one or more cancers, (II) is also useful for  
CC creating transgenic animals useful for studying the in vivo activities of  
CC the polypeptide as well as for studying mechanisms of the polypeptides.  
CC (I) induces the proliferation of neural cells and regeneration of nerve  
CC and brain tissue and is useful for the treatment of cerebral and  
CC peripheral nervous system diseases and neuropathies, such as Alzheimer's,  
CC Parkinson's disease, Huntington's disease, and amyotrophic lateral  
CC sclerosis. In addition, (I) is involved in chemotactic or chemokinetic  
CC activity, regulation of haematopoiesis and is useful for treating myeloid  
CC or lymphoid cell disorders, platelet disorders such as thrombocytopaenia  
CC and for regeneration of bone, cartilage, tendon, ligament and/or nerve  
CC tissue growth, and in tissue repair, healing of burns, incisions,  
CC ulcers, for treating osteoporosis, osteoarthritis, bone degenerative  
CC disorders, or periodontal disease. Furthermore, (I) is also useful for  
CC protection or regeneration and treatment of lung or liver fibrosis,  
CC reperfusion injury in various tissues. Various immune deficiencies and  
CC disorders including severe combined immunodeficiency (SCID), bacterial or  
CC fungal infections, autoimmune diseases, e.g. multiple sclerosis,  
CC rheumatoid arthritis, diabetes mellitus, myocardial infarcts, allergic  
CC reactions and conditions, such as asthma or other respiratory problems  
CC in addition, (I) affects electrolytes or fluidity cycles of lipids,  
CC cell signalling, metabolism, catabolism, anabolism, storage or elimination of  
CC fatty acids, lipid fluidity, carbohydrate, cholesterol, vitamins, minerals  
CC and/or effects of other pain relieving effects, immunomodulation like  
CC activity and act as an antigen in a vaccine composition to elicit an  
CC immune response. AAS4992-AAS4998 represent novel human secreted protein  
CC coding sequences of the invention.

Query March 75.68; Score 345; IE 22; Length 4258;  
Best Model Similarity 86.38; Pred. No. 8.4e-90;  
Matches 410; Conservative 64; Indels 1;  
Gaps 1

[illegible][illegible]

RESULT 2  
AAK52004

MAR 23 2004

06-NOV-2001 (first entry)

110335	Polymer-Technology	See	110336
110336		110337	
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Human, cytokine, cell proliferation, gene therapy, viral, retrovirus, growth factor, hematopoiesis

nerve growth factor, arthritis; inflammatory ss.

Home sacriars.  
XX  
CS

W00000157190-A2

AA 99 AUG 2001.  
FD

05-FLP 2001, 2001W0-1504098

03-FFP-2000, 2000000 0406914

22-THU-2020; 20201125.05:08075

01 SEP. 2000; 0654936

[illegible]

XX

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PI Zhao Qa, Wang D, Wang J,  
Yue Z, Yang Y, Maibumac

XX  
XX  
WEST  
2001-476082/rj

Dr. P-PSDR; AAM/88/1.

41 nucleic acids encoding polyphosphatase in diagnosis and gene

XX  
1976 : 1992

$$F_{\text{eff}} = \frac{F_{\text{max}}}{1 + \exp\left[\frac{1}{n} \ln\left(\frac{F_{\text{max}}}{F_{\text{eff}}}\right)\right]}$$

cytokine, cell proliferation

production of bound polypyrrole and polyaniline and

[illegible]

activin/inhibin activity and

CC treatment of cancer, leukemia









[illegible]

Dc	1940	GTCGGCTGCAATCGAGACCATATTGTAATGAGGAGCAG-GAAAGAAATTTGAAGACTTGA	2038
Cy	104	TBAAGCCGAGGAGGAGGTGTGTGTGGGCTTG-TGTATTTCTG-TTGGGAGAACCTTAAAGTAGTG	253
Dd	2039	AGAAATATG-AAGATATGCTGCTGGCTTAAATCTTCTCTTTA-TAATATAATATGTTAAAGTAGTG	2068
Cy	254	TGGGCTGGGCCCTCTGGTGGAGAAAGGGGGGCATCTGTGAGAGAGGAGTGTAAAGCTGTTGGCTGG	313
Dd	2069	TGAAGAATACACCTACCTCTGTAAGAAATATATG-TCTCTGTGAGAGAGAGGTTTAAAGCTTTATCTTG	2158
Cy	314	GGAATGATATGAGAAATGCTTTTCTGGTGTGATTTG-TGAGAGAGAGCTTAAAGCTTTAAAG	373
Dd	2159	GGATGTGACCGGCTGACGAGAGATGAGATGAGTGGGAGAAAGCTGTGAAAGTGAAGTATGATCTTGA	2218
Cy	374	CTATGACCGGCTGACGAGATGAGATGAGAAAGCTGTGAGAGAGAGTGAAGTGAAGTGAAGTGA	433
Lt	2219	CTATGATATGAGAGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	2279
Cy	434	GGATGAGGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	484
Dc	2279	GGATGAGGCTTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	2339
RESULT 9			
ABA64202			
ID	ABA64202	standard; DNA,	573 BP.
XX AC	ABA64202;		
XX DT	01-FEB-2002	(first entry)	
XX DE	Human foetal liver single exon nucleic acid probe #12507.		
XX FM	Human, foetal liver, gene expression; single exon nucleic acid probe, ss		
XX OS	Homo sapiens.		
XX SS	W0000157277.A2.		
XX PD	09-AUG-2001.		
XX PF	30-JAN-2001, 2001WO-US004669.		
XX PR	04-FEB-2000; 2000US 0180312.		
XX PP	26-MAY-2000; 2000US-0207456.		
XX SP	30-JUN-2000; 2000US-0609408.		
XX FP	03-AUG-2000; 2000US-0632366.		
XX FR	21-SEP-2000; 2000US 0234647.		
XX PE	27-SEP-2000; 2000US-0236359.		
XX EP	04-OCT-2000; 2000GB 0024263.		
XX PA	(MOLE-) MOLECULAR DYNAMICS INC.		
XX PI	Penn SG, Hanzel DK, Chen W, Rank DR;		
XX DR	WPI; 2001 483447/52.		
XX PT	Human genome derived single exon nucleic acid probes useful for		
XX FS	analyzing gene expression in human foetal liver -		
XX XX	claim 1, SEQ ID NO 12507, 630pp + sequence listing, English.		
CC CC	The invention relates to a single exon nucleic acid probe for		
CC CT	measuring human gene expression in a sample derived from human foetal		
CC CV	liver. The single exon nucleic acid probes may be used for predicting,		
CC Cc	measuring and displaying gene expression in samples derived from human		
CC Ct	fetal liver. The present sequence is a single exon nucleic acid		
CC CC	probe of the invention.		
CC CC	Note: The sequence data for this patent did not form part of the		
CC CC	prior art specification, but was obtained independently from directly		
CC CC	from WIPO at fep.wipo.int/pub/published_pct_sequences.		
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